# Project Title: Fake Medicine Detection System

# SOFTWARE ENGINEERING

## Course Teacher: Dr. Razib Hayat Khan

**Section: K**

**Group: 10**

|  |  |
| --- | --- |
| **Student Name** | **Student ID** |
| 1. JOY MATUBBER | 20-41959-1 |
| 2. MARUF SHAHRIAR | 20-42016-1 |
| 3. NAFINUR LEO | 20-42195-1 |

**Constructive Cost Model (CoCoMo):**

Project Type: Organic

Project Estimation :

Coefficient<Effort Factor>: 2.4

**SLOC:** 10,000

**P:** 1.05.

**T:** 0.38.

**Person Month, PM:** 2.4\*(10,000/1,000)^1.05

= 26.93

**Development Time, DM:** 2.50\*(PM)^T

= 2.5\*(26.93)^0.38

= 8.74 months

= 9 months

**Total Working Days =** 22\*9

= 198 days

= 198\*8 hour

= 1584 hour

Required Number of People, ST: PM/DM

= 26.93/9

= 2.99

= 3